STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION 2800 BERLIN TURNPIKE NEWINGTON, CONNECTICUT 06111

INVITATION TO BID:

Date Advertised: September 21, 2016

Sealed bids for the construction of the following project(s) will be received by the Commissioner of Transportation, by <u>submitting the bid electronically (only) through the Bid Express Website (bidx.com)</u>. PAPER BIDS WILL NOT BE ACCEPTED.

Bid Opening (letting) Date and Time: Wednesday October 12, 2016 at 2:00 p.m. No bids will be accepted after 2:00 pm. **NO EXCEPTIONS.** The official time is the Bid Express letting time indicator. The bids will be publicly opened and read in the **CONFERENCE ROOM** on the main floor.

Proposal ID Number: 0113-0109

State Project Number(s) & Description: Project No. 113-109: Replacement of Bridge No. 05455 Route 2 over Hewitt Brook in the Town of Preston.

Federal-aid Project Number(s) & Funding Source: FAP# 0032(196) Federal Highway Administration (FHWA)

Pre-Bid Conference and/or Site Visit Information: N/A

District Number(s): 2, Norwich

Contract Goal: 13% DBE

Project Scope Code : E

A list of bid items and quantities is attached. This list is **NOT** the official bid proposal form.

<u>OFFICIAL BID PROPOSAL FORMS MUST BE REQUESTED</u> – Please complete the Bid Proposal Request Form (Part C) located on the DOT website at the following LINK - http://www.ct.gov/dot/cwp/view.asp?a=2288&q=259262, and submit it by email to DOTContracts@ct.gov. Please read the instructions on the Part C Form.

PLANS, SPECIFICATIONS & ADDENDA ARE AVAILABLE ON THE CONTRACTING PORTAL FREE OF CHARGE

Secure Electronic Bidding Through Bid Express (www.bidx.com): Please refer to the attached document entitled "Electronic Bidding Instructions / Requirements for Bidders".

Prequalification Requirements: Prospective bidders must be prequalified with the Department of Transportation and have on file a sworn Statement (CON 16) by the time of the bid. In order to help ensure that prospective bidders may become prequalified in time for the bid opening for a given contract, contractors should be certain to return the Prequalification Application (CON 16) with all necessary information, signatures and notarized documents, to the DOT Contracts Unit at least thirty (30) calendar days before requesting a bid proposal form for that contract.

Bid Proposal Forms: All prospective bidders requesting to obtain the "official" Bid Proposal Form must submit a completed Bid Proposal Request Form (Part "C") to the DOT Contracts Unit per the above instructions.

If the Bid Proposal Request Form (Part C) and the Contractor's Prequalification Application are found to be satisfactory, the bidder will receive an email response from the Department instructing the bidder to download the electronic Bid Proposal Form (aka EBS file) from the Bid Express Website (bidx.com).

Eligible/validated bidders will be required to download the official Bid Proposal Form (aka EBS file) and associated amendment files (.00#) from the Bid Express website (bidx.com), only after they have received the email response from the Department approving them to bid.

It is the bidder's responsibility to ensure that they download the complete official Bid Proposal Form (EBS file) and any amendment files (.00#) associated with that specific Bid Proposal Form, from the latest letting date. Amendment files (.00#) are posted to the Bid Express website when there is a change to the bid proposal form, including a letting date change. The Department is not liable for the bidder's failure to ensure that they download the official Bid Proposal Form (EBS file) and amendment files (.00#) from the Bid Express website.

<u>NOTE:</u> Prequalification status is confirmed every time a contractor submits a Request for Bid Proposal Form (Part C). All bid proposals must be on the electronic bid form/file furnished by the Department of Transportation. Official bid proposals are not included in the Plans and Specifications and are non-transferable.

FTA - Buy America Certificate and Certification Regarding Lobbying: These certifications are required with all Federal Transit Administration funded projects. Please refer to funding source above to determine the requirement.

Bid Security: Except when otherwise specified in the bid documents, no proposal will be considered unless; (a) it is accompanied by a proposal guaranty in the form of a bid bond from a surety company, satisfactory to the Commissioner, on the form furnished by the Department, in an amount equal to at least 30% of the amount of the bid; or (b) the bidder has on file in the Contract Section a current annual bid bond, satisfactory to the Commissioner, on the form provided by the Department for an amount equal to at least 30% of the aggregate amount of all current bids by the bidder for the Department's construction contracts.

When submitting the bid electronically through Bid Express (Bidx.com), bidders must scan and submit the bid bond in PDF format, properly completed and signed, prior to the date and time of the bid opening, via a single email to dotbid@ct.gov. In the subject matter of the email please enter "Bid Bond – Project Number(s) xxxxxxxxxxx". The original signed bid bond will be required of the low bidder within 7 days after the bid opening.

DOT encourages all bidders to file an "Annual" Bid Bond with the Department so that the bidder does not have to submit a bid bond each time they bid on a specific project/proposal.

At the time of the bid opening, the surety must be a corporate surety licensed by the Insurance Commissioner of the State of Connecticut and must hold a Certificate of Authority as an acceptable Surety and/or Reinsuring Company acceptable to the Federal Department of Treasury. The surety's underwriting limitation must not be less than the full amount required by the bond, itself.

Pre-Bid Questions and Answers: Questions pertaining to DOT advertised construction projects must be presented through the CTDOT Pre-Bid Q and A Website. The Department cannot guarantee that all questions will be answered prior to the bid date. **PLEASE NOTE - at 12:01 am, the day before the bid, the subject project(s) being bid will be closed for questions, at which time questions can no longer be submitted through the Q and A Website.**

Answers may be provided by the Department up to 12:00 noon, the day before the bid. At this time, the Q and A for those projects will be considered final, unless otherwise stated and/or the bid is postponed to a future date and time to allow for further questions and answers to be posted.

If a question needs to be asked the day before the bid date, please contact the Contracts Unit staff and email your question to docontracts@ct.gov immediately.

Contractors must identify their company name, contact person, contact email address and phone number when asking a question. The email address and phone number will not be made public.

The questions and answers (if any) located on the Q and A Website are hereby made part of the bid/contract solicitation documents (located on the State Contracting Portal), and resulting contract for the subject project(s). It is the bidder's responsibility to monitor, review, and become familiar with the questions and answers, as with all bid requirements and contract documents, prior to bidding. By signing the bid proposal and resulting contract, the bidder acknowledges receipt of, and agrees to the incorporation of the final list of Q and A, into the contract document.

Contractors will not be permitted to file a future claim based on lack of receipt, or knowledge of the questions and answers associated with a project. All bidding requirements and project information, including but not limited to contract plans, specifications, addenda, Q and A, Notice to Contractors, etc., are made public on the State Contracting Portal and/or the CTDOT website.

Any bidder that discovers an error in the bid proposal or contract documents, including but not limited to the plans, must report that error in a letter to the Manager within two (2) business days of discovering the error. A failure to do so may result in the Commissioner's finding the contractor to be nonresponsible as the low bidder for one or more Department contracts, and may be subject to other adverse action by the Department.

Affidavits / Certifications / Affirmations (OPM Forms): As a result of Public Act 11-229, the process in which the Department will receive Affidavits/Certifications/Ethics Affirmation Forms (OPM Forms), for the purpose of contract bidding and contract award, has been revised. The new law greatly simplifies the requirements and allows for the use of electronic Forms (PDFs). The following link will guide you to the revised OPM Forms:

http://www.ct.gov/opm/cwp/view.asp?a=3006&Q=386312&opmNav GID=1386

Under the new law, the Affirmation of Receipt of State Ethics Laws Summary (OPM Form 6) and the Consulting Agreement Affidavit (OPM Form 5) will only have to be filed once and will be updated only if any information on the form changes. The Gift and Campaign Contribution Certification (OPM Form 1) and Nondiscrimination Certifications will be filed once per year, with any updates required upon changes to information. Updates are required within 30 days of any change. The Forms are no longer contract specific, but are required to be filed (uploaded) with the Department of Administrative Services (DAS) online system (Biznet), prior to award and/or execution of any contract.

All bidders <u>must</u> upload the applicable/required "Forms" to the DAS online system (Biznet). Please access the LINK to subscribe to Biznet and download the "Vendor Guide to Uploading Affidavits and Nondiscrimination Forms Online (PDF)". http://das.ct.gov/cr1.aspx?page=371

Once the "Forms" are on file with the DAS online system (Biznet), the contractor's obligation is complete, until the need for revisions/updates and/or new annual submission as required by the specific Form.

DBE Participation: The contract goal for DBE participation equaling the percent (indicated above) of the total Contract value has been established for this Contract. Compliance with this provision may be fulfilled when a DBE or any combination of DBEs perform work under the contract in accordance with 49 CFR Part 26 Subpart

C Section 26.55, as revised.

The Department of Transportation hereby notifies all bidders that it will affirmatively ensure that in any contract entered into pursuant to this advertisement, qualified Disadvantaged Business Enterprises or Small Contractor or Small Contractor Minority Business Enterprises will be afforded full opportunity to submit bids in response to this invitation and that they will not be discriminated against on the grounds of race, color, national origin, sex, sexual orientation, mental retardation or physical disability including but not limited to blindness, in consideration for an award.

Prevailing Wage Rates: The minimum rates to be paid labor of the various classifications shall be in accordance with current schedule of wages established by the State Labor Commissioner as provided in the General Statutes of Connecticut, as revised. The Contract Wage Certification Form is to be submitted to the Labor Commissioner before the award of the contract.

Other Information: All bidders are required to inform themselves fully of the conditions relating to the construction and labor under which the work will be or is now being performed and the contractor shall employ, as far as possible, such methods and means in the carrying out of this work as will not cause interruption or interference with any other contractor.

The Department, prior to the awarding of any contract, may require further financial and other information from any applicant who becomes the low bidder for that contract. The Commissioner of Transportation reserves the right to reject any and all bids.

Form Revised August 2016

STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT SCOPE CODE

<u>CODE</u>	FROM	<u>TO</u>
"A"	LESS THAN	\$ 100,000
"B"	\$ 100,000	\$ 199,999
"C"	\$ 200,000	\$ 499,999
"D"	\$ 500,000	\$ 999,999
"E"	\$ 1,000,000	\$ 2,499,999
"F"	\$ 2,500,000	\$ 4,999,999
"G"	\$ 5,000,000	\$ 7,499,999
"H"	\$ 7,500,000	\$ 9,999,999
"I"	\$ 10,000,000	\$ 14,999,999
"J"	\$ 15,000,000	\$ 19,999,999
"K"	\$ 20,000,000	\$ 29,999,999
"L"	\$ 30,000,000	\$ 39,999,999
"M"	\$ 40,000,000	\$ 59,999,999
"N"	\$ 60,000,000	\$ 89,999,999
"O"	\$ 90,000,000	\$ 119,999,999
"P"	\$ 120,000,000	\$ 159,999,999
"Q"	\$ 160,000,000	\$ 199,999,999
"R"	\$ 200,000,000	\$ 249,999,999
"S"	\$ 250,000,000	\$ 299,999,999
"T"	\$ 300,000,000	\$ 399,999,999
"U"	\$ 400,000,000	\$ 499,999,999
"V"	\$ 500,000,000	\$ 599,999,999
"W"	\$ 600,000,000	AND OVER

For any questions regarding this project scope code, please contact the Transportation Manager of Contracts at (860) 594-3390. Rev. 1/13/09



Connecticut Department Of Transportation Proposal

Date Of Opening: October 12, 2016

Proposal ID: 0113-0109

Projects: 0113-0109

Districts: Norwich

Towns: PRESTON



8/29/2016

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Proposal ID: 0113-0109

Replacement of Bridge No. 05455 Route 2 over Hewitt Brook

Time ID	Completion Date or Number of Units	Unit Type	Time Type	Liquidated Damages Rate	Contract Time Flag
00	210	Days	CD	2,000.00 Days	

Bidders must enter all unit prices, make all extensions, and total the bid.





Proposal Schedule of Items

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Proposal ID: 0113-0109 **Project(s):** 0113-0109

SECTION: 1

Proposal Line	Item ID	Approximate	Unit Price		Bid Am	ount
Number	Description	Quantity and Units	Dollars	Cents	Dollars	Cents
0010	0201001 CLEARING AND GRUBBING	1.000 LUMP SUM		·		
0020	0202000 EARTH EXCAVATION	970.000 c.y.				
0030	0202216 EXCAVATION AND REUSE OF EXISTING CHANNEL BOTTOM MATERIAL ** See Special Provisions **	75.000 c.y.				<u></u> .
0040	0202529 CUT BITUMINOUS CONCRETE PAVEMENT	980.000 l.f.				
0050	0203000 STRUCTURE EXCAVATION - EARTH (COMPLETE)	1,125.000 c.y.				
0060	0204151 HANDLING WATER ** See Special Provisions **	1.000 LUMP SUM		·		
0070	0209001 FORMATION OF SUBGRADE	985.000 s.y.				
0080	0210820 WATER POLLUTION CONTROL (ESTIMATED COST-PLUS)	2,000.000 est.		1.00		2,000.00
0090	0212000 SUBBASE	330.000 c.y.				
0100	0213100 GRANULAR FILL	47.000 c.y.				
0110	0216000 PERVIOUS STRUCTURE BACKFILL	530.000 c.y.				





Proposal Schedule of Items

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Proposal ID: 0113-0109 **Project(s):** 0113-0109

SECTION: 1

Proposal Line	Item ID	Approximate	Unit Price		Bid Am	ount
Number	Description	Quantity and Units	Dollars	Cents	Dollars	Cents
0120	0219001 SEDIMENTATION CONTROL SYSTEM	570.000 l.f.		·		·
0130	0406170 HMA S1	284.000 ton		·		·
0140	0406171 HMA S0.5	263.000 ton		·		•
0150	0406236 MATERIAL FOR TACK COAT	230.000 gal		·		
0160	0406275 FINE MILLING OF BITUMINOUS CONCRETE (0" TO 4") ** See Special Provisions **	930.000 s.y.		·		
0170	0503866 REMOVAL OF EXISTING CULVERT (SITE NO. 1) ** See Special Provisions **	1.000 LUMP SUM				·
0180	0507809 CONVERT TYPE "C-L" CATCH BASIN TO TYPE "C" CATCH BASIN	1.000 ea.		·		
0190	0507824 CONVERT TYPE 'C' C.B. TO TYPE "C-L" C.B.	1.000 ea.				•
0200	0601000 CLASS "A" CONCRETE	145.000 c.y.				
0210	0601201 CLASS "F" CONCRETE	75.000 c.y.				
0220	0601502 1/2" PREFORMED EXPANSION JOINT FILLER FOR BRIDGES	120.000 s.f.		·		





Proposal Schedule of Items

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Proposal ID: 0113-0109 **Project(s):** 0113-0109

SECTION: 1

Proposal Line	Item ID	Approximate	Unit Price		Bid Am	ount
Number	Description	Quantity and Units	Dollars	Cents	Dollars	Cents
0230	0601971 PRECAST CONCRETE THREE SIDED RIGID FRAME ** See Special Provisions **	52.000 l.f.				·
0240	0602000 DEFORMED STEEL BARS	9,915.000 lb.		·		·
0250	0602006 DEFORMED STEEL BARS - EPOXY COATED	6,055.000 lb.				•
0260	0602890 DOWEL BAR SPLICER SYSTEM ** See Special Provisions **	20.000 ea.		·		
0270	0703012 MODIFIED RIPRAP	95.000 c.y.		·		·•
0280	0703030 PLACEMENT OF CHANNEL BOULDER ** See Special Provisions **	12.000 ea.		·		
0290	0706001 MICROPILES	24.000 ea.				·
0300	0706002 VERIFICATION TEST FOR MICROPILES	1.000 ea.		·		
0310	0706003 PROOF TEST FOR MICROPILES	2.000 ea.				•
0320	0706004 MICROPILE LENGTH ADJUSTMENT	50.000 l.f.		·		
0330	0707001 MEMBRANE WATERPROOFING (WOVEN GLASS FABRIC)	118.000 s.y.				·





Proposal Schedule of Items

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Proposal ID: 0113-0109 **Project(s):** 0113-0109

SECTION: 1

Proposal Line	Item ID	Approximate	Unit Price		Bid Amo	ount
Number	Description	Quantity and Units	Dollars	Cents	Dollars	Cents
0340	0708001 DAMPPROOFING	225.000 s.y.				
0350	0716000 TEMPORARY EARTH RETAINING SYSTEM ** See Special Provisions **	1,210.000 s.f.				·
0360	0728008 3/8" CRUSHED STONE ** See Special Provisions **	85.000 c.y.				
0370	0755014 GEOTEXTILE (SEPARATION - HIGH SURVIVABILITY)	175.000 s.y.				<u>.</u>
0380	0815093 BITUMINOUS CONCRETE PARK CURB	265.000 I.f.				
0390	0822001 TEMPORARY PRECAST CONCRETE BARRIER CURB	790.000 I.f.		•		
0400	0822002 RELOCATED TEMPORARY PRECAST CONCRETE BARRIER CURB	680.000 I.f.				
0410	0904487 METAL BRIDGE RAIL (HANDRAIL) ** See Special Provisions **	108.000 I.f.				·
0420	0910170 METAL BEAM RAIL (TYPE R-B 350)	675.000 l.f.		·		·
0430	0910890 R-B 350 BRIDGE ATTACHMENT SAFETY SHAPE PARAPET	4.000 ea.				·
0440	0911923 R-B END ANCHORAGE-TYPE I	4.000 ea.				·





Proposal Schedule of Items

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Proposal ID: 0113-0109 **Project(s):** 0113-0109

SECTION: 1

Proposal Line	Item ID	Approximate	Unit Price		Bid Am	ount
Number	Description	Quantity and Units	Dollars	Cents	Dollars	Cents
0450	0912499 REMOVE CABLE GUIDE RAIL	60.000 l.f.		·		•
0460	0912503 REMOVE METAL BEAM RAIL	770.000 l.f.		·		
0470	0917010 REPAIR GUIDERAIL (ESTIMATED COST) ** See Special Provisions **	1,000.000 est.		1.00		1,000.00
0480	0925201 PAVEMENT FOR RAILING	74.000 s.y.		·		
0490	0944000 FURNISHING AND PLACING TOPSOIL	840.000 s.y.		·		·
0500	0949000 WOOD CHIP MULCH	320.000 s.y.				
0510	0949004 ALNUS RUGOSA, SPECKLED ALDER 4' - 5' HT. B.B.	12.000 ea.		·		
0520	0949023 CORNUS SERICEA RED OSIER DOGWOOD 24" - 36" HT. B.B.	22.000 ea.		·		
0530	0949113 CORNUS RACEMOSA GRAY DOGWOOD 2'-3' HT. B.B.	22.000 ea.				
0540	0949410 RHUS AROMATICA FRAGRANT SUMAC 18"-24" HT. B.B.	40.000 ea.		·		
0550	0949709 AMELANCHIER CANADENSIS SHADBLOW SERVICEBERRY 4'- 5' HT. B.B.	12.000 ea.		·		·





Proposal Schedule of Items

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Proposal ID: 0113-0109 **Project(s):** 0113-0109

SECTION: 1

Proposal Line	Item ID	Approximate	Unit Price		Bid Am	ount
Number	Description	Quantity and Units	Dollars	Cents	Dollars	Cents
0560	0949828 ACER RUBRUM RED MAPLE 3'- 4' HT. WHIPS B.R.	20.000 ea.		·		
0570	0950005 TURF ESTABLISHMENT	840.000 s.y.				·
0580	0969062 CONSTRUCTION FIELD OFFICE, MEDIUM ** See Special Provisions **	8.000 mo.				
0590	0970007 TRAFFICPERSON (UNIFORMED FLAGGER)	500.000 hr		·		·
0600	0971001 MAINTENANCE AND PROTECTION OF TRAFFIC ** See Special Provisions **	1.000 LUMP SUM				
0610	0974001 REMOVAL OF EXISTING MASONRY	6.000 c.y.		·		·
0620	0975004 MOBILIZATION AND PROJECT CLOSEOUT	1.000 LUMP SUM		·		•
0630	0976002 BARRICADE WARNING LIGHTS - HIGH INTENSITY	1,820.000 day		·		·
0640	0978002 TRAFFIC DRUM	50.000 ea.				·
0650	0979003 CONSTRUCTION BARRICADE TYPE III	4.000 ea.				
0660	0980001 CONSTRUCTION STAKING	1.000 LUMP SUM				





Proposal Schedule of Items

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Proposal ID: 0113-0109 **Project(s):** 0113-0109

SECTION: 1

Proposal Line	Item ID	Approximate	Unit Price		Bid Am	ount
Number	Description	Quantity and Units	Dollars	Cents	Dollars	Cents
0670	0981100 42" TRAFFIC CONE	50.000 ea.				•
0680	1131002 REMOTE CONTROL CHANGEABLE MESSAGE SIGN ** See Special Provisions **	364.000 day				
0690	1205207 TYPE DE-7 DELINEATOR	29.000 ea.				·
0700	1206023 REMOVAL AND RELOCATION OF EXISTING SIGNS ** See Special Provisions **	1.000 LUMP SUM				·
0710	1208932 SIGN FACE - SHEET ALUMINUM (TYPE IV RETROREFLECTIVE SHEETING)	15.000 s.f.		·		·
0720	1209114 HOT-APPLIED PAINTED PAVEMENT MARKINGS 4" YELLOW	1,910.000 l.f.		·		
0730	1209124 HOT-APPLIED PAINTED PAVEMENT MARKINGS 4" WHITE	1,910.000 l.f.		·		·
0740	1210101 4" WHITE EPOXY RESIN PAVEMENT MARKINGS	780.000 I.f.		·		·
0750	1210102 4" YELLOW EPOXY RESIN PAVEMENT MARKINGS	770.000 I.f.		·		·
0760	1211001 REMOVAL OF PAVEMENT MARKINGS	1,890.000 s.f.				





Proposal Schedule of Items

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Proposal ID: 0113-0109 **Project(s):** 0113-0109

SECTION: 1

Proposal Line	Item ID	Approximate	Unit Price		Bid Am	ount
Number	Description	Quantity and Units	Dollars	Cents	Dollars	Cents
0770	1212001 TEMPORARY PLASTIC PAVEMENT MARKING TAPE - 4" YELLOW	770.000 l.f.		·		·
0780	1212002 TEMPORARY PLASTIC PAVEMENT MARKING TAPE - 4" WHITE	770.000 I.f.		<u>-</u>		<u>.</u>
0790	1220027 CONSTRUCTION SIGNS	500.000 s.f.				·
0800	1507000 PROTECTION AND SUPPORT OF EXISTING UTILITIES ** See Special Provisions **	1.000 LUMP SUM		·		<u></u> .
0810	1807010 TEMPORARY IMPACT ATTENUATION SYSTEM TYPE A MODULE 200 LB	4.000 ea.		·		
0820	1807011 TEMPORARY IMPACT ATTENUATION SYSTEM TYPE A MODULE 400 LB	2.000 ea.				
0830	1807012 TEMPORARY IMPACT ATTENUATION SYSTEM TYPE A MODULE 700 LB	6.000 ea.				
0840	1807013 TEMPORARY IMPACT ATTENUATION SYSTEM TYPE A MODULE 1400 LB	8.000 ea.		·		·
0850	1807014 TEMPORARY IMPACT ATTENUATION SYSTEM TYPE A MODULE 2100 LB	4.000 ea.		·		·



Proposal Schedule of Items

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Proposal ID: 0113-0109 **Project(s):** 0113-0109

SECTION: 1

Cat Alt Set ID: Cat Alt Mbr ID:

Proposal Line	Item ID	Approximate	Unit Price		Bid Am	ount
Number	Description	Quantity and Units	Dollars	Cents	Dollars	Cents
0860	1807105 RELOCATION OF TEMPORARY IMPACT ATTENUATION SYSTEM TYPE A MODULE (1400 LB.)	8.000 ea.				
0870	1807106 RELOCATION OF TEMPORARY IMPACT ATTENUATION SYSTEM TYPE A MODULE (2100 LB)	4.000 ea.				·
0880	1807107 RELOCATION OF TEMPORARY IMPACT ATTENUATION SYSTEM TYPE A MODULE (200 LB.)	4.000 ea.				
0890	1807108 RELOCATION OF TEMPORARY IMPACT ATTENUATION SYSTEM TYPE A MODULE (400 LB)	2.000 ea.				
0900	1807109 RELOCATION OF TEMPORARY IMPACT ATTENUATION SYSTEM TYPE A MODULE (700 LB)	6.000 ea.				
	Section	ı: 1	Tota	al:		

Total Bid:	